WHAT IS CLAIMED IS:

1   1.   A method of displaying option market information comprising:

2   establishing a communication link between a member computer and a

3 central computer;

4   accessing option trading data from the central computer through the

5 member computer;

6   inputting at least one signal to the member computer, the at least one

7 signal representative of at least one of an underlying asset symbol and an option

8 symbol;

9   generating a display page listing option trading information for a

10 plurality of options relating to at least one of the entered underlying asset symbol and

11 the entered option symbol; and

12   displaying the plurality of options on the display page such that the

13 option having a strike price approximately equal to the current trading price of the

14 underlying asset is centrally positioned among the plurality of displayed options.

1   2.   The method of displaying option market information of claim 1, wherein

2 the underlying asset is selected from the group consisting of a security, a commodity

3 and a derivative.

1   3.   The method of displaying option market information of claim 1, wherein

2 the central computer is selected from the group consisting of an exchange computer, a

3 data vendor computer and a trading facility computer.

1   4.   The method of displaying option market information of claim 1, wherein

2 the option trading information displayed on the page includes National Best Bid and

3 Offer data and option trading data from a trading facility.

1   5.   The method of displaying option market information of claim 1, wherein

2 each option listed on the display page includes a put quotation and a call quotation.

1   6.   The method of displaying option market information of claim 5, wherein

2   the put quotation includes a bid quotation and an ask quotation, and the call quotation

3   includes a bid quotation and an ask quotation.

1   7.   The method of displaying option market information of claim 1, further

2   comprising the step of displaying trading information for the underlying asset.

1   8.   The method of displaying option market information of claim 1, further

2   comprising the step of displaying a running list of executed trades for the at least one

3   underlying asset entered.

1   9.   The method of displaying option market information of claim 1, wherein

2   the option trading information for the plurality of displayed options includes at least one

3   quotation for each option series and further comprising the step of highlighting the

4   quotation when the quotation is recently updated.

1   10.   The method of displaying option market information of claim 9, wherein

2   each displayed option series includes at least one National Best Bid and Offer quotation

3   and at least one quotation from a trading facility, and further comprising the step of

4   highlighting each displayed option quotation from the trading facility that is not equal to

5   the corresponding National Best Bid and Offer quotation.

1   11.   The method of displaying option market information of claim 1, further

2   comprising the step of updating the option trading information on a predetermined

3   frequency.

1   12.   The method of displaying option market information of claim 1, wherein

2   the at least one signal inputted to the member computer are first and second signals and

3   wherein the first and second signals are each representative of one of the underlying

4   asset symbol and an option symbol of the underlying asset.

1   13.   The method of displaying option market information of claim 1, wherein

2   the at least one signal inputted to the member computer are first, second and third

3   signals and wherein the first, second and third signals are each representative of one of

4   the underlying asset symbol and an option symbol of the underlying asset.

1   14.   A method of displaying option market information comprising:

2   establishing a communication link between a member computer and a

3   central computer;

4   accessing option trading data from the central computer through the

5   member computer;

6   inputting a composite signal to the member computer representative of at

7   least one of an underlying asset symbol and an option symbol of an underlying asset, a

8   strike price and a first date indicator; and

9   generating a display page listing trading information for the entered

10   option and plurality of option series having at least a second expiration date, the

11   plurality of option series extending over a range of strike prices, the range centrally

12   positioned at the current trading price of the underlying stock, the plurality of option

13   series relating to at the at least one of the entered underlying asset symbol and the

14   entered option symbol.

1   15.   The method of displaying option market information of claim 14,

2   wherein the at least a second expiration date comprises second and third expiration

3   dates, and wherein the second and third expiration dates are each further into the future

4   than the first expiration date.

1   16.   The method of displaying option market information of claim 14,

2   wherein the at least a second expiration date comprises second, third and fourth

3   expiration dates, and wherein the second, third and fourth expiration dates are each

4   further into the future than the first expiration date.

1   17.   The method of displaying option market information of claim 14,
2   wherein the second expiration date comprises a date further into the future than the first
3   expiration date.

1   18.   The method of displaying option market information of claim 14,
2   wherein the composite signal includes a first signal representative of at least one of an
3   underlying asset symbol and an option symbol of an underlying asset, a second signal
4   representative of an option strike price, and a third signal representative of an option
5   expiration date.

1   19.   The method of displaying option market information of claim 14,
2   wherein the option trading information displayed on the page includes National Best Bid
3   and Offer data and option trading data from a trading facility.

1   20.   The method of displaying option market information of claim 14,
2   wherein each option listed on the display page includes a put quotation and a call
3   quotation, and wherein the put quotation includes a bid quotation and an ask quotation,
4   and the call quotation includes a bid quotation and an ask quotation.

1   21.   The method of displaying option market information of claim 20, further
2   comprising the step of highlighting the quotation when the quotation is recently
3   updated.

1   22.   The method of displaying option market information of claim 14, further
2   comprising the step of displaying trading information for the underlying asset.

1   23.   The method of displaying option market information of claim 14, further
2   comprising the step of displaying a running list of executed trades for the at least one
3   underlying asset entered.

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1   24.   The method of displaying option market information of claim 14,

2   wherein each displayed option series includes at least one National Best Bid and Offer

3   quotation and at least one quotation from a trading facility, and further comprising the

4   step of highlighting each displayed option quotation from the trading facility that is not

5   equal to the corresponding National Best Bid and Offer quotation.

1   25.   The method of displaying option market information of claim 14, further

2   comprising the step of updating the option trading information on a predetermined

3   frequency.

1   26.   A method of displaying option market information comprising:

2   establishing a communication link between a member computer and a

3   central computer;

4   accessing option trading data from the central computer through the

5   member computer;

6   inputting at least two signals to the member computer, the at least two

7   signals representative of at least an underlying asset symbol of an underlying asset and

8   a month;

9   generating a display page listing option trading information for options

10   series for the underlying asset that will expire in the month input to the member

11   computer.

1   27.   The method of displaying option market information of claim 26,

2   wherein the underlying asset is selected from the group consisting of a security, a

3   commodity and a derivative.

1   28.   The method of displaying option market information of claim 26,

2   wherein the central computer is selected from the group consisting of an exchange

3   computer, a data vendor computer and a trading facility computer.

1   29.   The method of displaying option market information of claim 26,
2   wherein the option trading information displayed on the page includes National Best Bid
3   and Offer data and option trading data from a trading facility.

1   30.   The method of displaying option market information of claim 26,
2   wherein each option listed on the display page includes a put quotation and a call
3   quotation.

1   31.   The method of displaying option market information of claim 30,
2   wherein the put quotation includes a bid quotation and an ask quotation, and the call
3   quotation includes a bid quotation and an ask quotation.

1   32.   The method of displaying option market information of claim 26, further
2   comprising the step of displaying trading information for the underlying asset.

1   33.   The method of displaying option market information of claim 26, further
2   comprising the step of displaying a running list of executed trades for the at least one
3   underlying asset entered.

1   34.   The method of displaying option market information of claim 26,
2   wherein the option trading information for the plurality of displayed options includes at
3   least one quotation for each option series and further comprising the step of highlighting
4   the quotation when the quotation is recently updated.

1   35.   The method of displaying option market information of claim 34,
2   wherein each displayed option series includes at least one National Best Bid and Offer
3   quotation and at least one quotation from a trading facility, and further comprising the
4   step of highlighting each displayed option quotation from the trading facility that is not
5   equal to the corresponding National Best Bid and Offer quotation.

1   36.   The method of displaying option market information of claim 26, further

2   comprising the step of updating the option trading information on a predetermined

3   frequency.

1   37.   The method of displaying option market information of claim 26,

2   wherein the at least one signal inputted to the member computer are first and second

3   signals and wherein the first and second signals are each representative of one of the

4   underlying asset symbol and an option symbol of the underlying asset.

1   38.   The method of displaying option market information of claim 26,

2   wherein the at least one signal inputted to the member computer are first, second and

3   third signals and wherein the first, second and third signals are each representative of

4   one of the underlying asset symbol and an option symbol of the underlying asset.

1   39.   A method of displaying option market information comprising:

2   establishing a communication link between a member computer and a

3   central computer;

4   accessing option trading data from the central computer through the

5   member computer;

6   inputting at least two signals to the member computer, the at least two

7   signals representative of at least an underlying asset symbol of an underlying asset and

8   a strike price; and

9   generating a display page listing option data for the strike price entered

10   for the underlying asset entered in the data entry field.

1   40.   The method of displaying option market information of claim 39,

2   wherein the underlying asset is selected from the group consisting of a security, a

3   commodity and a derivative.

1   41.   The method of displaying option market information of claim 39,

2 wherein the central computer is selected from the group consisting of an exchange

3 computer, a data vendor computer and a trading facility computer.

1   42.   The method of displaying option market information of claim 39,

2 wherein the option trading information displayed on the page includes National Best Bid

3 and Offer data and option trading data from a trading facility.

1   43.   The method of displaying option market information of claim 39,

2 wherein each option listed on the display page includes a put quotation and a call

3 quotation.

1   44.   The method of displaying option market information of claim 43,

2 wherein the put quotation includes a bid quotation and an ask quotation, and the call

3 quotation includes a bid quotation and an ask quotation.

1   45.   The method of displaying option market information of claim 39, further

2 comprising the step of displaying trading information for the underlying asset.

1   46.   The method of displaying option market information of claim 39, further

2 comprising the step of displaying a running list of executed trades for the at least one

3 underlying asset entered.

1   47.   The method of displaying option market information of claim 39,

2 wherein the option trading information for the plurality of displayed options includes at

3 least one quotation for each option series and further comprising the step of highlighting

4 the quotation when the quotation is recently updated.

1   48.   The method of displaying option market information of claim 47,

2 wherein each displayed option series includes at least one National Best Bid and Offer

3 quotation and at least one quotation from a trading facility, and further comprising the

4   step of highlighting each displayed option quotation from the trading facility that is not

5   equal to the corresponding National Best Bid and Offer quotation.

1   49.   The method of displaying option market information of claim 39, further

2   comprising the step of updating the option trading information on a predetermined

3   frequency.

1   50.   The method of displaying option market information of claim 39,

2   wherein the at least one signal inputted to the member computer are first and second

3   signals and wherein the first and second signals are each representative of one of the

4   underlying asset symbol and an option symbol of the underlying asset.

1   51.   The method of displaying option market information of claim 39,

2   wherein the at least one signal inputted to the member computer are first, second and

3   third signals and wherein the first, second and third signals are each representative of

4   one of the underlying asset symbol and an option symbol of the underlying asset.

1   52.   A method of displaying a graphical user interface on at least one

2   computer monitor comprising:

3   generating a display page on the computer monitor, the display page

4   listing option trading information for a plurality of options relating to at least one of the

5   entered underlying asset symbol and the entered option symbol; and

6   displaying the plurality of options on the display page such that the

7   option having a strike price approximately equal to the current trading price of the

8   underlying asset is centrally positioned on the display page.

1   53.   The method of claim 52, wherein the option trading information

2   displayed on the page includes National Best Bid and Offer data and option trading data

3   from a trading facility.

1   54.   The method of claim 52, wherein each option listed on the display page

2   includes a put quotation and a call quotation, and wherein the put quotation includes a

3   bid quotation and an ask quotation, and the call quotation includes a bid quotation and

4   an ask quotation.

1   55.   The method of claim 52, further comprising the step of displaying

2   trading information for the underlying asset.

1   56.   The method of claim 52, further comprising the step of displaying a

2   running list of executed trades for the at least one underlying asset entered.

1   57.   The method of claim 52, wherein the option trading information for the

2   plurality of displayed options includes at least one quotation for each option series and

3   further comprising the step of highlighting the quotation when the quotation is recently

4   updated.

1   58.   The method of displaying option market information of claim 57,

2   wherein each displayed option series includes at least one National Best Bid and Offer

3   quotation and at least one quotation from a trading facility, and further comprising the

4   step of highlighting each displayed option quotation from the trading facility that is not

5   equal to the corresponding National Best Bid and Offer quotation.

1   59.   The method of displaying option market information of claim 52, further

2   comprising the step of updating the option trading information on a predetermined

3   frequency.

1   60.   The method of displaying option market information of claim 52,

2   wherein the at least one signal inputted to the member computer are first and second

3   signals and wherein the first and second signals are each representative of one of the

4   underlying asset symbol and an option symbol of the underlying asset.

1   61.   The method of displaying option market information of claim 52,

2 wherein the at least one signal inputted to the member computer are first, second and

3 third signals and wherein the first, second and third signals are each representative of

4 one of the underlying asset symbol and an option symbol of the underlying asset.

1   62.   A method of displaying a graphical user interface on at least one

2 computer monitor comprising:

3   generating a display page for display on the computer monitor, the

4 display page listing trading information for the entered option and plurality of option

5 series having at least a second expiration date, the plurality of option series extending

6 over a range of strike prices, the range centrally positioned at the current trading price

7 of the underlying asset, the plurality of option series relating to the at least one of the

8 entered underlying asset symbol and the entered option symbol.

1   63.   The method of claim 62, wherein the at least a second expiration date

2 comprises second and third expiration dates, and wherein the second and third

3 expiration dates are each further into the future than the first expiration date.

1   64.   The method of claim 62, wherein the at least a second expiration date

2 comprises second, third and fourth expiration dates, and wherein the second, third and

3 fourth expiration dates are each further into the future than the first expiration date.

1   65.   The method of claim 62, wherein the second expiration date comprises a

2 date further into the future than the first expiration date.

1   66.   The method of claim 62, wherein the composite signal includes a first

2 signal representative of at least one of an underlying asset symbol and an option symbol

3 of an underlying asset, a second signal representative of an option strike price, and a

4 third signal representative of an option expiration date.

1   67.   The method of claim 62, wherein the option trading information

2   displayed on the page includes National Best Bid and Offer data and option trading data

3   from a trading facility.

1   68.   The method of claim 62, wherein each option listed on the display page

2   includes a put quotation and a call quotation, and wherein the put quotation includes a

3   bid quotation and an ask quotation, and the call quotation includes a bid quotation and

4   an ask quotation.

1   69.   The method of claim 68, further comprising the step of highlighting the

2   quotation when the quotation is recently updated.

1   70.   The method of claim 62, further comprising the step of displaying

2   trading information for the underlying asset.

1   71.   The method of claim 62, further comprising the step of displaying a

2   running list of executed trades for the at least one underlying asset entered.

1   72.   The method of claim 62, wherein each displayed option series includes at

2   least one National Best Bid and Offer quotation and at least one quotation from a

3   trading facility, and further comprising the step of highlighting each displayed option

4   quotation from the trading facility that is not equal to the corresponding national best

5   bid and offer quotation.

1   73.   The method of displaying option market information of claim 62, further

2   comprising the step of updating the option trading information on a predetermined

3   frequency.

1   74.   A method of displaying a graphical user interface on at least one

2   computer monitor comprising:

3   generating a display page on the computer monitor, the display page

4 listing option trading information for a plurality of options relating to an underlying

5 asset symbol of an underlying asset and a month; and

6   displaying the plurality of options on the display page such that option

7 trading information for options series for the underlying asset that will expire in the

8 month.

1   75. The method of claim 74, wherein the option trading information

2 displayed on the page includes National Best Bid and Offer data and option trading data

3 from a trading facility.

1   76. The method of claim 74, wherein each option listed on the display page

2 includes a put quotation and a call quotation, and wherein the put quotation includes a

3 bid quotation and an ask quotation, and the call quotation includes a bid quotation and

4 an ask quotation.

1   77. The method of claim 74, further comprising the step of displaying

2 trading information for the underlying asset.

1   78. The method of claim 74, further comprising the step of displaying a

2 running list of executed trades for the at least one underlying asset entered.

1   79. The method of claim 74, wherein the option trading information for the

2 plurality of displayed options includes at least one quotation for each option series and

3 further comprising the step of highlighting the quotation when the quotation is recently

4 updated.

1   80. The method of displaying option market information of claim 79,

2 wherein each displayed option series includes at least one National Best Bid and Offer

3 quotation and at least one quotation from a trading facility, and further comprising the

4   step of highlighting each displayed option quotation from the trading facility that is not

5   equal to the corresponding National Best Bid and Offer quotation.

1   81.   The method of displaying option market information of claim 74, further

2   comprising the step of updating the option trading information on a predetermined

3   frequency.

1   82.   The method of displaying option market information of claim 74,

2   wherein the at least one signal inputted to the member computer are first and second

3   signals and wherein the first and second signals are each representative of one of the

4   underlying asset symbol and an option symbol of the underlying asset.

1   83.   The method of displaying option market information of claim 74,

2   wherein the at least one signal inputted to the member computer are first, second and

3   third signals and wherein the first, second and third signals are each representative of

4   one of the underlying asset symbol and an option symbol of the underlying asset.

1   84.   A method of displaying a graphical user interface on at least one

2   computer monitor comprising:

3   generating a display page on the computer monitor, the display page

4   listing option trading information for a plurality of options relating to an underlying

5   asset symbol of an underlying asset and a strike price; and

6   displaying option data for the strike price entered for the underlying asset

7   entered in the data entry field.

1   85.   The method of claim 84, wherein the option trading information

2   displayed on the page includes National Best Bid and Offer data and option trading data

3   from a trading facility.

1   86.   The method of claim 84, wherein each option listed on the display page

2   includes a put quotation and a call quotation, and wherein the put quotation includes a

3   bid quotation and an ask quotation, and the call quotation includes a bid quotation and

4   an ask quotation.

1   87.   The method of claim 84, further comprising the step of displaying

2   trading information for the underlying asset.

1   88.   The method of claim 84, further comprising the step of displaying a

2   running list of executed trades for the at least one underlying asset entered.

1   89.   The method of claim 84, wherein the option trading information for the

2   plurality of displayed options includes at least one quotation for each option series and

3   further comprising the step of highlighting the quotation when the quotation is recently

4   updated.

1   90.   The method of displaying option market information of claim 89,

2   wherein each displayed option series includes at least one National Best Bid and Offer

3   quotation and at least one quotation from a trading facility, and further comprising the

4   step of highlighting each displayed option quotation from the trading facility that is not

5   equal to the corresponding National Best Bid and Offer quotation.

1   91.   The method of displaying option market information of claim 84, further

2   comprising the step of updating the option trading information on a predetermined

3   frequency.

1   92.   The method of displaying option market information of claim 84,

2   wherein the at least one signal inputted to the member computer are first and second

3   signals and wherein the first and second signals are each representative of one of the

4   underlying asset symbol and an option symbol of the underlying asset.

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1   93.   The method of displaying option market information of claim 84,

2   wherein the at least one signal inputted to the member computer are first, second and

3   third signals and wherein the first, second and third signals are each representative of

4   one of the underlying asset symbol and an option symbol of the underlying asset.

1   94.   A system for displaying option market information comprising:

2   a central computer, the central computer having regularly updated option

3   trading information;

4   at least one member computer, the member computer including a

5   monitor;

6   a communication link selectably and releasably coupling the central

7   computer to the at least one member computer, the communication link configured to

8   enable the member computer to access the option trading information from the central

9   computer; and

10   a display page selectably viewable on the monitor, the display page

11   having at least one data entry field for receiving at least one data signal representative

12   of at least one of an underlying asset symbol and an option symbol of an underlying

13   asset, the display page illustrating a plurality of options and the option trading

14   information for the plurality of options responsive to the data signal, the display page

15   positioning the displayed options such that the option having a strike price

16   approximately equal to the current trading price of the underlying asset is centrally

17   positioned on the display page.

1   95.   The system for displaying option market information of claim 94,

2   wherein the communication link is selected from the group consisting of a leased line,

3   an Internet service provider connection, and a direct modem connection.

1   96.   The system for displaying option market information of claim 94,

2   wherein the option trading information displayed on the page includes National Best Bid

3   and Offer data and option trading data from a trading facility.

1   97.   The system for displaying option market information of claim 96,

2   wherein each option listed on the display page includes a put quotation and a call

3   quotation, and wherein the put quotation includes a bid quotation and an ask quotation,

4   and the call quotation includes a bid quotation and an ask quotation.

1   98.   The method of displaying option market information of claim 94,

2   wherein the underlying asset is selected from the group consisting of a security, a

3   commodity and a derivative.

1   99.   The method of displaying option market information of claim 94,

2   wherein the central computer is selected from the group consisting of an exchange

3   computer, a data vendor computer and a trading facility computer.

1   100.   The system for displaying option market information of claim 99,

2   wherein the option trading information for the plurality of displayed option comprises

3   highlighting of recently updated quotations.

1   101.   The system for displaying option market information of claim 99,

2   wherein each displayed option quotation that is not equal to the corresponding National

3   Best Bid and Offer quotation is highlighted.

1   102.   The system for displaying option market information of claim 94,

2   wherein the display page further illustrates trading information for the underlying asset.

1   103.   The system for displaying option market information of claim 94,

2   wherein the display page further illustrates a running list of executed trades for the at

3   least one underlying asset entered.

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1   104.   The system for displaying option market information of claim 94,

2   wherein the option trading information is updated on a predetermined frequency.

1   105.   The system for displaying option market information of claim 94,

2   wherein the at least one data signal are first and second signals and wherein the first

3   and second signals are each representative of one of an underlying asset symbol and an

4   option symbol of an underlying asset.

1   106.   The system for displaying option market information of claim 94,

2   wherein the at least one data signal are first, second and third signals and wherein the

3   first, second and third signals are each representative of one of an underlying asset

4   symbol and an option   symbol of an underlying asset.

1   107.   A system for displaying option market information comprising:

2   a central computer, the central computer having regularly updated option

3   trading information;

4   at least one member computer, the member computer including a

5   monitor;

6   a communication link selectably and releasably coupling the central

7   computer to the at least one member computer, the communication link configured to

8   enable the member computer to access the option trading information from the central

9   computer; and

10   a display page selectably viewable on the monitor, the display page

11   having at least first, second and third data entry fields, the first data field configured to

12   receive input representative of at least one of an underlying asset symbol and an option

13   symbol of an underlying asset, the second data field configured to receive a strike

14   price, and the third data field configured to receive a first expiration date, the display

15   page illustrating an entered option defined by the first, second and third data field

16   entries and trading information relating to the entered option, a plurality of option

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17   series having a second expiration date and trading information relating to the plurality

18   of option series, the plurality of option series extending over a range of strike prices,

19   the range centrally positioned at the current trading price of the underlying asset, the

20   plurality of option series relating to at the at least one of the entered underlying asset

21   symbol and the entered option symbol.

1   108.   The system for displaying option market information of claim 107,

2   wherein the option trading information displayed on the page includes National Best Bid

3   and Offer data and option trading data from a specific trading facility.

1   109.   The system for displaying option market information of claim 108,

2   wherein each option listed on the display page includes a put quotation and a call

3   quotation, and wherein the put quotation includes a bid quotation and an ask quotation,

4   and the call quotation includes a bid quotation and an ask quotation.

1   110.   The system for displaying option market information of claim 107,

2   wherein the display page further illustrates trading information for the underlying asset.

1   111.   The system for displaying option market information of claim 107,

2   wherein the display page further illustrates a running list of executed trades for the at

3   least one underlying asset entered.

1   112.   The system for displaying option market information of claim 107,

2   wherein the option trading information for the plurality of displayed options comprises

3   highlighting of recently updated quotations.

1   113.   The system for displaying option market information of claim 112,

2   wherein each displayed option quotation from the trading facility that is not equal to the

3   corresponding National Best Bid and Offer quotation is highlighted.

1   114.   The system for displaying option market information of claim 107,

2   wherein the option trading information is updated on a predetermined frequency.

1   115.   A system for displaying option market information comprising:

2   a central computer, the central computer having regularly updated option

3   trading information;

4   at least one member computer, the member computer including a

5   monitor;

6   a communication link selectably and releasably coupling the central

7   computer to the at least one member computer, the communication link configured to

8   enable the member computer to access the option trading information from the central

9   computer; and

10   a display page selectably viewable on the monitor, the display page

11   having a data entry field for receiving an underlying asset symbol of an underlying

12   asset and a month, the display page providing option data for options series for the

13   underlying asset that will expire in the month entered in the data entry field by the user.

1   116.   The system for displaying option market information of claim 115,

2   wherein the communication link is selected from the group consisting of a leased line,

3   an Internet service provider connection, and a direct modem connection.

1   117.   The system for displaying option market information of claim 115,

2   wherein the option trading information displayed on the page includes National Best Bid

3   and Offer data and option trading data from a trading facility.

1   118.   The system for displaying option market information of claim 117,

2   wherein each option listed on the display page includes a put quotation and a call

3   quotation, and wherein the put quotation includes a bid quotation and an ask quotation,

4   and the call quotation includes a bid quotation and an ask quotation.

1   119.   The method of displaying option market information of claim 115,

2   wherein the underlying asset is selected from the group consisting of a security, a

3   commodity and a derivative.

1   120.   The method of displaying option market information of claim 115,

2   wherein the central computer is selected from the group consisting of an exchange

3   computer, a data vendor computer and a trading facility computer.

1   121.   The system for displaying option market information of claim 120,

2   wherein the option trading information for the plurality of displayed option comprises

3   highlighting of recently updated quotations.

1   122.   The system for displaying option market information of claim 120,

2   wherein each displayed option quotation from the trading facility that is not equal to the

3   corresponding National Best Bid and Offer quotation is highlighted.

1   123.   The system for displaying option market information of claim 115,

2   wherein the display page further illustrates trading information for the underlying asset.

1   124.   The system for displaying option market information of claim 115,

2   wherein the display page further illustrates a running list of executed trades for the at

3   least one underlying asset entered.

1   125.   The system for displaying option market information of claim 115,

2   wherein the option trading information is updated on a predetermined frequency.

1   126.   The system for displaying option market information of claim 115,

2   wherein the at least one data signal are first and second signals and wherein the first

3   and second signals are each representative of one of an underlying asset symbol and an

4   option symbol of an underlying asset.

1   127.   The system for displaying option market information of claim 115,

2   wherein the at least one data signal are first, second and third signals and wherein the

3   first, second and third signals are each representative of one of an underlying asset

4   symbol and an option symbol of an underlying asset.

1   128.   A system for displaying option market information comprising:

2   a central computer, the central computer having regularly updated option

3   trading information;

4   at least one member computer, the member computer including a

5   monitor;

6   a communication link selectably and releasably coupling the central

7   computer to the at least one member computer, the communication link configured to

8   enable the member computer to access the option trading information from the central

9   computer; and

10   a display page selectably viewable on the monitor, the display page

11   having a data entry field for receiving an underlying asset symbol of an underlying

12   asset and a strike price, the display page providing option data for the strike price

13   entered for the underlying asset entered in the data entry field.

1   129.   The system for displaying option market information of claim 128,

2   wherein the communication link is selected from the group consisting of a leased line,

3   an Internet service provider connection, and a direct modem connection.

1   130.   The system for displaying option market information of claim 128,

2   wherein the option trading information displayed on the page includes National Best Bid

3   and Offer data and option trading data from a trading facility.

1   131.   The system for displaying option market information of claim 130,

2   wherein each option listed on the display page includes a put quotation and a call

3   quotation, and wherein the put quotation includes a bid quotation and an ask quotation,

4   and the call quotation includes a bid quotation and an ask quotation.

1   132.   The method of displaying option market information of claim 128,

2   wherein the underlying asset is selected from the group consisting of a security, a

3   commodity and a derivative.

1   133.   The method of displaying option market information of claim 128,

2   wherein the central computer is selected from the group consisting of an exchange

3   computer, a data vendor computer and a trading facility computer.

1   134.   The system for displaying option market information of claim 133,

2   wherein the option trading information for the plurality of displayed option comprises

3   highlighting of recently updated quotations.

1   135.   The system for displaying option market information of claim 133,

2   wherein each displayed option quotation from the trading facility that is not equal to the

3   corresponding National Best Bid and Offer quotation is highlighted.

1   136.   The system for displaying option market information of claim 128,

2   wherein the display page further illustrates trading information for the underlying asset.

1   137.   The system for displaying option market information of claim 128,

2   wherein the display page further illustrates a running list of executed trades for the at

3   least one underlying asset entered.

1   138.   The system for displaying option market information of claim 128,

2   wherein the option trading information is updated on a predetermined frequency.

1   139.   The system for displaying option market information of claim 128,

2   wherein the at least one data signal are first and second signals and wherein the first

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3   and second signals are each representative of one of an underlying asset symbol and an

4   option symbol of an underlying asset.

1   140.   The system for displaying option market information of claim 128,

2   wherein the at least one data signal are first, second and third signals and wherein the

3   first, second and third signals are each representative of one of an underlying asset

4   symbol and an option   symbol of an underlying asset.

1   141.   A graphical user interface for displaying option market information on at

2   least one computer monitor, the graphical user interface comprising:

3   a display page selectably viewable on the computer monitor, the display

4   page having at least one data entry field for receiving at least one data signal

5   representative of at least one of an underlying asset symbol and an option symbol of an

6   underlying asset, the display page illustrating a plurality of options and the option

7   trading information for the plurality of options responsive to the data signal, the display

8   page positioning the displayed options such that the option having a strike price

9   approximately equal to the current trading price of the underlying asset is centrally

10 positioned on the display page.

1   142.   The graphical user interface for displaying option market information of

2   claim 141, wherein the option trading information displayed on the page includes

3   National Best Bid and Offer data and option trading data from a trading facility.

1   143.   The graphical user interface for displaying option market information of

2   claim 142, wherein each option listed on the display page includes a put quotation and a

3   call quotation, wherein each displayed option quotation from the trading facility that is

4   not equal to the corresponding National Best Bid and Offer quotation is highlighted.

1   144.   The graphical user interface for displaying option market information of

2   claim 141, wherein each option listed on the display page includes a put quotation and a

3   call quotation, and wherein the put quotation includes a bid quotation and an ask

4   quotation, and the call quotation includes a bid quotation and an ask quotation.

1   145.   The graphical user interface for displaying option market information of

2   claim 144, wherein the option trading information for the plurality of displayed options

3   comprises highlighting of recently updated quotations.

1   146.   The graphical user interface for displaying option market information of

2   claim 141, wherein the display page further illustrates trading information for the

3   underlying asset.

1   147.   The graphical user interface for displaying option market information of

2   claim 141, wherein the display page further illustrates a running list of executed trades

3   for the at least one underlying asset entered.

1   148.   The graphical user interface for displaying option market information of

2   claim 141, wherein the option trading information is updated on a predetermined

3   frequency.

1   149.   The graphical user interface for displaying option market information of

2   claim 141, wherein the at least one data signal are first and second signals and wherein

3   the first and second signals are each representative of one of an underlying asset symbol

4   and an option symbol of an underlying asset.

1   150.   The graphical user interface for displaying option market information of

2   claim 141, wherein the at least one data signal are first, second and third signals and

3   wherein the first, second and third signals are each representative of one of an

4   underlying asset symbol and an option symbol of an underlying asset.

1   151.   A graphical user interface for displaying option market information on at

2   least one computer monitor, the graphical user interface comprising:

3   a display page selectably viewable on the computer monitor, the display

4   page having at least first, second and third data entry fields, the first data field

5   configured to receive input representative of at least one of an underlying asset symbol

6   and an option symbol of an underlying asset, the second data field configured to receive

7   a strike price, and the third data field configured to receive a first expiration date, the

8   display page illustrating an entered option defined by the first, second and third data

9   field entries and trading information relating to the entered option, a plurality of option

10   series having a second expiration date and trading information relating to the plurality

11   of option series, the plurality of option series extending over a range of strike prices,

12   the range centrally positioned at the current trading price of the underlying asset, the

13   plurality of option series relating to at the at least one of the entered underlying asset

14   symbol and the entered option symbol.

1   152.   The graphical user interface of claim 151, wherein the option trading

2   information displayed on the page includes National Best Bid and Offer data and option

3   trading data from a trading facility.

1   153.   The graphical user interface of claim 152, wherein each option listed on

2   the display page includes a put quotation and a call quotation, and wherein the put

3   quotation includes a bid quotation and an ask quotation, and the call quotation includes

4   a bid quotation and an ask quotation.

1   154.   The graphical user interface of claim 153, wherein the option trading

2   information for the plurality of displayed options comprises highlighting of recently

3   updated quotations.

1   155.   The graphical user interface of claim 153, wherein each displayed option

2   quotation from the trading facility that is not equal to the corresponding National Best

3   Bid and Offer quotation is highlighted.

1   156.   The graphical user interface of claim 151, wherein the display page

2   further illustrates trading information for the underlying asset.

1   157.   The graphical user interface of claim 151, wherein the display page

2   further illustrates a running list of executed trades for the at least one underlying asset

3   entered.

1   158.   The graphical user interface of claim 151, wherein the option trading

2   information is updated on a predetermined frequency.

1   159.   A graphical user interface for displaying option market information on at

2   least one computer monitor, the graphical user interface comprising:

3   a display page selectably viewable on the computer monitor, the display

4   page having at least two data entry fields for receiving an underlying asset symbol of an

5   underlying asset and a month, the display page illustrating option data for options series

6   for the underlying asset that will expire in the month entered in the data entry field.

1   160.   The graphical user interface for displaying option market information of

2   claim 159, wherein the option trading information displayed on the page includes

3   National Best Bid and Offer data and option trading data from a trading facility.

1   161.   The graphical user interface for displaying option market information of

2   claim 160, wherein each option listed on the display page includes a put quotation and a

3   call quotation, wherein each displayed option quotation from the trading facility that is

4   not equal to the corresponding National Best Bid and Offer quotation is highlighted.

1   162.   The graphical user interface for displaying option market information of

2   claim 159, wherein each option listed on the display page includes a put quotation and a

3   call quotation, and wherein the put quotation includes a bid quotation and an ask

4   quotation, and the call quotation includes a bid quotation and an ask quotation.

1   163.   The graphical user interface for displaying option market information of

2   claim 162, wherein the option trading information for the plurality of displayed options

3   comprises highlighting of recently updated quotations.

1   164.   The graphical user interface for displaying option market information of

2   claim 159, wherein the display page further illustrates trading information for the

3   underlying asset.

1   165.   The graphical user interface for displaying option market information of

2   claim 159, wherein the display page further illustrates a running list of executed trades

3   for the at least one underlying asset entered.

1   166.   The graphical user interface for displaying option market information of

2   claim 159, wherein the option trading information is updated on a predetermined

3   frequency.

1   167.   The graphical user interface for displaying option market information of

2   claim 159, wherein the at least one data signal are first and second signals and wherein

3   the first and second signals are each representative of one of an underlying asset symbol

4   and an option symbol of an underlying asset.

1   168.   The graphical user interface for displaying option market information of

2   claim 159, wherein the at least one data signal are first, second and third signals and

3   wherein the first, second and third signals are each representative of one of an

4   underlying asset symbol and an option symbol of an underlying asset.

1   169.   A graphical user interface for displaying option market information on at

2   least one computer monitor, the graphical user interface comprising:

3   a display page selectably viewable on the computer monitor, the display

4   page having a data entry field for receiving an underlying asset symbol of an underlying

5   asset and a strike price, the display page illustrating option data for the strike price

6   entered for the underlying asset entered in the data entry field by the user.

1   170.   The graphical user interface for displaying option market information of

2   claim 169, wherein the option trading information displayed on the page includes

3   National Best Bid and Offer data and option trading data from a trading facility.

1   171.   The graphical user interface for displaying option market information of

2   claim 170, wherein each option listed on the display page includes a put quotation and a

3   call quotation, wherein each displayed option quotation from the trading facility that is

4   not equal to the corresponding National Best Bid and Offer quotation is highlighted.

1   172.   The graphical user interface for displaying option market information of

2   claim 169, wherein each option listed on the display page includes a put quotation and a

3   call quotation, and wherein the put quotation includes a bid quotation and an ask

4   quotation, and the call quotation includes a bid quotation and an ask quotation.

1   173.   The graphical user interface for displaying option market information of

2   claim 172, wherein the option trading information for the plurality of displayed options

3   comprises highlighting of recently updated quotations.

1   174.   The graphical user interface for displaying option market information of

2   claim 169, wherein the display page further illustrates trading information for the

3   underlying asset.

1   175.   The graphical user interface for displaying option market information of

2   claim 169, wherein the display page further illustrates a running list of executed trades

3   for the at least one underlying asset entered.

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1   176.   The graphical user interface for displaying option market information of

2   claim 169, wherein the option trading information is updated on a predetermined

3   frequency.

1   177.   The graphical user interface for displaying option market information of

2   claim 169, wherein the at least one data signal are first and second signals and wherein

3   the first and second signals are each representative of one of an underlying asset symbol

4   and an option symbol of an underlying asset.

1   178.   The graphical user interface for displaying option market information of

2   claim 169, wherein the at least one data signal are first, second and third signals and

3   wherein the first, second and third signals are each representative of one of an

4   underlying asset symbol and an option symbol of an underlying asset.